

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
AIR QUALITY TECHNICAL ADVISORY COMMITTEE MEETING

Thursday, June 29, 2006
MAG Office
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman
*Avondale: Michael Powell
Buckeye: Michael Salisbury for Lucky Roberts
#Chandler: Jim Weiss
#Gilbert: Greg Svelund for Tami Ryall
Glendale: Doug Kukino
#Mesa: Scott Bouchie
Phoenix: Joe Gibbs for Gaye Knight
#Scottsdale: Larry Person
Surprise: Antonio DeLaCruz
*Tempe: Oddvar Tveit
*Citizen Representative: Walter Bouchard
*American Lung Association of Arizona: Bill Pfeifer
#Salt River Project: Sunil Varma
Southwest Gas Corporation: Brian O'Donnell
Arizona Public Service Company: Jim Mikula
#Western States Petroleum Association: Gina Grey
*Valley Metro: Randi Alcott
*Arizona Motor Transport Association: Dave Berry
*Maricopa County Farm Bureau: Jeannette Fish
*Arizona Rock Products Association: Russell Bowers
*Greater Phoenix Chamber of Commerce: Michelle Rill

Associated General Contractors: Amanda McGennis
*Homebuilders Association of Central Arizona: Connie Wilhelm-Garcia
*American Institute of Architects - Central Arizona: Stephen J. Andros
*Valley Forward: Mannie Carpenter
*University of Arizona - Cooperative Extension: Patrick Clay
Arizona Department of Transportation: Beverly Chenausky
Arizona Department of Environmental Quality: Peter Hyde
Environmental Protection Agency: Wienke Tax
Maricopa County Air Quality Department: Jo Crumbaker
Arizona Department of Weights and Measures: Duane Yantorno
*Federal Highway Administration: Ed Stillings
*Arizona State University: Judi Nelson
#Salt River Pima-Maricopa Indian Community: Christella Armijo for B. Bobby Ramirez
*David Rueckert, Citizen Representative

*Members neither present nor represented by proxy.
#Participated via telephone conference call.
+Participated via video conference call.

OTHERS PRESENT

Lindy Bauer, Maricopa Association of Governments
Cathy Arthur, Maricopa Association of Governments
Dean Giles, Maricopa Association of Governments
Julie Hoffman, Maricopa Association of Governments

Corey Woods, American Lung Association of Arizona/New Mexico
Bob Kard, Maricopa County Air Quality Department
Robert St. John, City of Glendale

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on June 29, 2006. Stephen Cleveland, City of Goodyear, Chairman, called the meeting to order at approximately 1:40 p.m. Larry Person, City of Scottsdale; Jim Weiss, City of Chandler; Sunil Varma, Salt River Project; Gina Grey, Western States Petroleum Association; Greg Svelund, Town of Gilbert; Scott Bouchie, City of Mesa; and Christella Armijo, Salt River Pima-Maricopa Indian Community, attended the meeting via telephone conference call.

2. Call to the Audience

Mr. Cleveland stated that, according to the MAG public comment process, members of the audience who wish to speak are requested to fill out comment cards, which are available on the table adjacent to the doorway inside the meeting room. Citizens are asked not to exceed a three minute time period for their comments. Public comment is provided at the beginning of the meeting for nonagenda items and nonaction agenda items. Mr. Cleveland noted that no public comment cards had been received.

3. Approval of the May 23, 2006 Meeting Minutes

The Committee reviewed the minutes from the May 23, 2006 meeting. Beverly Chenausky, Arizona Department of Transportation, moved and Jo Crumbaker, Maricopa County Air Quality Department, seconded and the motion to approve the May 23, 2006 meeting minutes carried unanimously.

4. Draft 2006 MAG Conformity Analysis for the Draft FY 2007-2011 MAG Transportation Improvement Program and Draft Regional Transportation Plan - 2006 Update

Dean Giles, Maricopa Association of Governments, presented the Draft 2006 MAG Conformity Analysis for the Draft FY 2007-2011 MAG Transportation Improvement Program (TIP) and Draft Regional Transportation Plan - 2006 Update. He indicated that a finding of conformity is required prior to the approval of the TIP and Regional Transportation Plan. Mr. Giles stated that the Draft 2006 MAG Conformity Analysis concludes that the FY 2007-2011 MAG TIP and Regional Transportation Plan - 2006 Update meet all applicable federal conformity requirements and are in conformance with the applicable air quality plans.

Mr. Giles mentioned that the Clean Air Act links transportation and air quality and requires that transportation activities be consistent with or conform to air quality goals. Transportation conformity ensures that transportation activities do not cause violations of federal air quality standards. He indicated that motor vehicle emissions budgets are established in air quality plans and are used in the regional emissions analysis. Mr. Giles discussed the conformity requirements and presented the results of the following: the conformity budget test for carbon monoxide; the adjusted one-hour ozone budget test, and the no-greater-than-2002 baseline emissions test for volatile organic compounds and nitrogen oxides for eight-hour ozone; and, the conformity budget test for PM-10. Mr. Giles discussed the transportation control measure funding in the FY 2007-2011 MAG TIP and provided a conformity schedule.

Ms. Chenausky referred to the transportation control measure funding in the FY 2007-2011 MAG TIP and asked if the additional \$35.8 million programmed for paving dirt roads, street sweepers, and

other air quality projects was considered in the conformity tests. Mr. Giles replied that the chart explains the transportation control measures and other air quality measures that are included in the TIP and Regional Transportation Plan. The chart is a general funding summary of the projects. Ms. Chenausky asked if the additional \$35.8 million for paving dirt roads, street sweepers, and other air quality projects was considered in the PM-10 conformity budget test. Mr. Giles responded that there was additional emission reduction credit taken for each of the analysis years for the PM-10 efficient street sweepers.

Larry Person, City of Scottsdale, commented that the results of the PM-10 conformity budget test show PM-10 emissions increasing from 2009 to 2026. He inquired about the trend. Cathy Arthur, Maricopa Association of Governments, replied that prior conformity analyses have shown the same trend. She stated that PM-10 emissions are increasing since all the unpaved roads that have high traffic (over 120 average daily traffic) will be paved by 2026. Therefore, there is no longer the benefit. Also, the street sweeper benefits go down over time once the entire fleet becomes PM-10 efficient. Ms. Arthur stated that travel demand continues to increase and there is not as many control measures to offset the increase. She mentioned that the trend of increasing PM-10 emissions needs to be carefully monitored.

Joe Gibbs, City of Phoenix, made a motion to recommend approval of the Draft 2006 MAG Conformity Analysis for the Draft FY 2007-2011 MAG Transportation Improvement Program and Draft Regional Transportation Plan - 2006 Update. Michael Salisbury, Town of Buckeye, seconded and the motion passed unanimously.

5. Update on CMAQ Projects for the Federal FY 2006 Interim Year End Closeout

Mr. Giles provided an update on the Congestion Mitigation and Air Quality Improvement (CMAQ) projects for the Federal FY 2006 Interim Year End Closeout. He stated that on May 23, 2006, the MAG Air Quality Technical Advisory Committee made a recommendation to forward an evaluation of proposed CMAQ projects submitted for Federal FY 2006 Interim Year End Closeout to the MAG Transportation Review Committee (TRC) with a priority placed on the four projects with the highest PM-10 emission reductions. Also forwarded was a priority ranking of Air Quality Projects. Mr. Giles stated that there was a limited amount of funding available this year.

Mr. Giles mentioned that on May 25, 2006, the TRC made a slightly different recommendation than the Air Quality Technical Advisory Committee. He stated that the TRC recommendation is still very beneficial to reducing PM-10 emissions. The recommendation would result in an estimated PM-10 reduction of about 2,030 kilograms per day which is equivalent to approximately two metric tons per day. The TRC recommendation would fund five of the nine remaining PM-10 certified street sweeper projects that have been identified for FY 2006 CMAQ funding, the Fort McDowell-Yavapai Nation pave dirt road project, and the METRO transfer stations project. Mr. Giles stated that \$907,000 was recommended by the TRC for the highest five PM-10 reducing street sweeper projects. He mentioned that the street sweeper projects funded were: Arizona Department of Transportation (#2), Phoenix (#2), Tempe, Goodyear, and Tolleson. The MAG Management Committee concurred with the TRC recommendation. On June 28, 2006 the MAG Regional Council approved the Federal FY 2006 Interim Year End Closeout.

Mr. Cleveland asked if the TRC made a recommendation for the four remaining PM-10 certified street sweeper projects. Mr. Giles replied that a recommendation was not made for the remaining

four sweepers. Mr. Cleveland inquired about the process for the four PM-10 certified street sweeper projects that were not funded. Mr. Giles responded that the applicants could resubmit for FY 2007 CMAQ funding. Jim Weiss, City of Chandler, asked which sweeper projects were not funded. Mr. Giles replied that the proposed sweeper projects not funded were: Surprise (#2), Queen Creek, Cave Creek, and Chandler.

Brian O'Donnell, Southwest Gas Corporation, inquired about the members of the Transportation Review Committee and Management Committee. Mr. Giles replied that the TRC members are the public works directors or members of the streets departments, city staff. Mr. Cleveland stated that the Management Committee members are the city and county managers. He mentioned that the TRC makes a recommendation to the Management Committee and the Management Committee then makes a recommendation to the Regional Council. Mr. O'Donnell commented that the Air Quality Technical Advisory Committee includes members of the public whereas the TRC and Management Committee do not. He inquired about the rationale for changing the recommendation. Lindy Bauer, Maricopa Association of Governments, replied that members of the TRC noted that the four sweepers at the bottom of the list had very low daily emission reductions. Mr. Cleveland asked if the funds that would have been used for the four street sweeper projects were moved to other projects. Ms. Bauer replied that is correct.

Mr. Person asked if there was a negative or positive effect in the amount of particulate pollution as a result of the recommendation. Ms. Bauer responded that the recommendation was very good for PM-10. As was mentioned before, the recommendation would result in 2,030.28 kilograms per day reduction in PM-10 emissions, which equals slightly more than two metric tons per day.

6. Particulate Pollution Update

Ms. Crumbaker provided an update on particulate pollution in Maricopa County. She discussed the PM-10 monitoring data, observations during high PM-10 episodes, and enforcement actions taken by Maricopa County. Ms. Crumbaker mentioned that there has been eighteen exceedance days in 2006 with the latest occurring on June 6, 2006 due to high wind. She indicated that the exceedances occurred under a mixture of conditions such as stagnant conditions, high winds, and special activity. A table of the 2006 PM-10 exceedances was distributed to the Committee.

Ms. Crumbaker provided pictures of what Maricopa County is observing during high PM-10 episodes. She indicated that some of the pictures include activity that resulted in enforcement action. She provided the direct compliant phone number as well as the general phone number for reporting a violation or air quality complaint. Ms. Crumbaker indicated that from July 1, 2005 to June 14, 2006, Maricopa County took 381 actions and the penalties were \$1,791,000. She indicated that the dust cases were 242 of the 381 total actions and \$850,000 of the \$1,791,000 total penalties. The number of permits are at 5,529. Mr. Crumbaker stated that this is a significant increase over the last couple of years.

Ms. Arthur asked if the June 6, 2006 PM-10 exceedance was at the Higley monitor. Ms. Crumbaker replied that is correct. Scott Bouchie, City of Mesa, requested a copy of the table distributed to the Committee. Mr. Cleveland responded that the table will be provided to those attending the meeting via telephone conference call promptly.

7. Call for Future Agenda Items

Mr. Cleveland announced that the next meeting of the Committee is tentatively scheduled for July 27, 2006. Mr. O'Donnell commented on public versus nonpublic committees. He stated that a public body recommendation should be forwarded to the decision-making body. He expressed concern with the TRC recommendation being different than the Air Quality Technical Advisory Committee recommendation, a public body. He requested further discussion. Mr. Cleveland suggested that the structure, current reporting system, and how they impact each other as a future agenda item.

Mr. O'Donnell asked if another committee could change a recommendation made by the Air Quality Technical Advisory Committee for an air quality measure. Ms. Bauer replied that for air quality measures, the Committee recommendations go directly to the Management Committee. The Management Committee may then make a recommendation to the Regional Council. Mr. Cleveland stated that for projects, the Air Quality Technical Advisory Committee recommendations along with multi-modal committee recommendations are advanced to the TRC and they are the recommending body.

Antonio DeLaCruz, City of Surprise, suggested the process of how projects are developed and brought forward to the Committee as a possible future agenda item.

Amanda McGennis, Associated General Contractors, stated that the AGC would like to bring photos and possibly make a presentation on two dust suppressant demonstrations at a future meeting. With no further comments, the meeting was adjourned.